

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	137/625.66.ccls. and 251/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:30
L2	42	137/625.66 and 251/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:30
L4	995	(222/309).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/24 10:30
L5	649	(239/569 239/576).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:31
S1	1	("4893515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 08:21
S2	15	("4675301").PN. OR ("4893515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:11
S3	1787	"boston scientific"	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:15
S6	598	"boston scientific".as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:26
S7	433	takasago.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:15
S9	1049640	valve	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:15
S10	601	S3 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:16
S11	22	S7 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:17
S12	1859	"three\$way valve"	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:17
S13	241615	pneumat\$7	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:18

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S14	409	S12 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:19
S15	39	S12 with S13	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:19
S16	24	137/625.66.ccls. and 251/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:24
S17	1	"dual pneumatic actuated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:48
S18	0	"dual pneumatic 3 way valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:48
S19	12	"pneumatic 3 way valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:13
S20	9627	"pneumatic valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:14
S21	79	"dual actuated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:13
S22	1	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:14
S23	0	"(three or 3) way"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:15
S24	83202	(three or S17) near way	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:15

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S25	800	S20 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:15
S26	481750	dual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:15
S27	8429	S24 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:16
S28	121	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:16
S29	41	137/625.66 and 251/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:24
S30	20	("2828767"   "3071155"   "3103233"   "3246667"   "3457957"   "3494175"   "3530893"   "3736959"   "3965936").PN. OR ("4284103").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 12:42
S31	0	351/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:42
S32	1375	251/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:42
S33	354893	pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:42
S34	101	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 12:42
S35	11	("2653003"   "3556151"   "3796232"   "4467833"   "4681133"   "4700924").PN. OR ("4890645").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 12:44

## EAST Search History

S36	22	("2936996"   "3500501"   "3690797"   "3819313"   "4013391").PN. OR ("4099904").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 12:48
S37	2	("2880755").URPN.	USPAT	OR	ON	2005/12/01 14:37
S38	2	("2880755").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:38
S39	630	(239/569 239/576).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:46
S40	3297	(604/93.01 604/187 604/246 604/247 604/248).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:51
S41	1970044	valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:51
S42	1602	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:56
S43	32730	"three\$way" "3 way"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:53
S44	3563	"three\$way" "3\$way"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:54
S45	75623	"three\$way" "3\$way" "three way"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:54
S46	3563	"three\$way" "3\$way" "three adj way"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:55

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S47	5	S46 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:55
S48	107	pnumat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:57
S49	93	pnumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:57
S50	388679	pneumat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:57
S51	65	S50 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 15:02
S52	1538	(604/131 604/151).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 15:02
S53	688	S52 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 15:03
S54	994	(222/309).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/17 08:40
S55	11	("3138294"   "3484207").PN. OR ("3817425").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:12
S56	27	("2880755" "2991805" "3227180" "342679 9" "3575211" "4099904" "4365754" "48935 15" "5320280" "5733925" "6545097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 08:21
S57	11	("2880755" "2991805" "3227180" "342679 9" "3575211" "4099904" "4365754" "48935 15" "5320280" "5733925" "6545097").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/24 09:08
S58	2	("3426799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/24 09:08